



BCA IV Semester Degree Examination, September/October - 2023

COMPUTER SCIENCE

Python Programming

(NEP)

Time : 2 Hours

Maximum Marks : 60

SECTION - A

I. Answer **all** the questions, each question carries **one** mark.

10x1=10

1. (a) Who developed Python Programming ?
(b) Define Keywords.
(c) What is Exception ?
(d) Write a syntax to define function.
(e) Define Dictionary.
(f) What is Tuple ?
(g) What do you mean by File ?
(h) What is Encapsulation ?
(i) What do you mean by tkinter module in Python GU Interface ?
(j) What is the use of NumPy ?

SECTION - B

II. Answer **any 4** questions, each question carries **five** marks.

4x5=20

2. Explain if else statement with suitable example in Python.
3. What is String ? Explain String methods.
4. Write a program to implement stock using list.
5. Explain creating of classes and objects in Python with example.
6. Explain any three widgets in GU Interface in Python.
7. Explain any two graphs plotted using Matplotlib.



P.T.O.

SECTION - C

III. Answer **any 3** questions, each question carries **ten** marks.

3x10=30

8. Explain features of Python.
9. What is Error ? Explain Exception Handling in Python.
10. What is List ? Write a program to demonstrate the use of list.
11. Explain different types of file operations.
12. Explain any two operations on table using SQLite3 in Python with example.

- o 0 o -

